

## Monthly Progress Report

REC'D  
8-9-94  
F.B.

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**Pursuant to:** RCRA I-88-1088

**Facility Site:** Cranston, RI

**Period Covered:** July 1994 (25 June 1994 – 22 July 1994)\*

**Date Submitted:** 10 August 1994

### 1.0 SUMMARY

This is the forty-ninth monthly progress report. Five significant events occurred this month.

**Phase II Investigation.** Validation of the Phase II Round 1 release characterization sediment sampling data continued. Validation of the Phase II Round 2 soil and groundwater data was completed. Sampling sediments to support the river modeling investigation was completed on 7/21/94.

**Project Management.** On 7/13/94, personnel from the USEPA conducted a site visit to observe the sediment sampling for the river modeling investigation.

**Stabilization Investigation.** Preparation of the permits to the Cranston POTW and RIDEM began; other planning for stabilization continued.

**Hydrological Investigation.** Stage height measurements of the river continued. Processing river stage data from the automatic recorders (transducers) continued.

**Water Level Monitoring.** Monthly groundwater level monitoring continued. Processing groundwater level data from the automatic recorders (transducers) continued.

\*As agreed, the reporting period will be monthly through the fourth Friday of the month.



SEMS DocID 666737

## 2.0 TASKS AND ACTIVITIES COMPLETED

The sampling and other activities (subtasks) that were completed are reported here.

### 2.1 Sampling Activities Completed

The following samples were collected:

<u>Sampling Activity</u>	<u>Location(s)</u>	<u>Date(s) Sampled</u>	<u>No. of Samples</u>	<u>Date(s) Sent for Analysis</u>	<u>Analysis</u>
<i>River Modeling Sediment Sampling</i>	SD-DS-11(0-5)*RM	6/27/94	1	6/27/94	B
	SD-DS-11(5-10)*RM	6/27/94	1	6/27/94	B
	SD-DS-11(10-20)*RM	6/27/94	1	6/27/94	B
	SD-DS-12(0-5)*RM	6/27/94	1	6/27/94	B
	SD-DS-12(5-10)*RM	6/27/94	1	6/27/94	B
	SD-DS-12(10-20)*RM	6/27/94	1	6/27/94	B
	SD-DS-9(0-5)*RM	6/27/94	1	6/27/94	B
	SD-DS-9(5-10)*RM	6/27/94	1	6/27/94	B
	SD-DS-9(10-20)*RM	6/27/94	1	6/27/94	B
	SD-DS-2(0-5)*RM	6/28/94	1	6/28/94	B
	SD-DS-2(5-10)*RM	6/28/94	1	6/28/94	B
	SD-DS-2(10-20)*RM	6/28/94	1	6/28/94	B
	SD-DS-1(0-5)*RM	6/28/94	1	6/28/94	B
	SD-DS-1(5-10)*RM	6/28/94	1	6/28/94	B
	SD-DS-1(10-20)*RM	6/28/94	1	6/28/94	B
	SD-DS-3(0-5)*RM	6/28/94	1	6/28/94	B
	SD-DS-3(5-10)*RM	6/28/94	1	6/28/94	B
	SD-DS-3(10-20)*RM	6/28/94	1	6/28/94	B
	SD-DS-13(0-5)*RM	6/29/94	1	6/29/94	B
	SD-DS-13(5-10)*RM	6/29/94	1	6/29/94	B
	SD-DS-13(10-20)*RM	6/29/94	1	6/29/94	B
	SD-DS-15(0-5)*RM	6/29/94	1	6/29/94	B
	SD-DS-15(5-10)*RM	6/29/94	1	6/29/94	B
	SD-DS-15(10-20)*RM	6/29/94	1	6/29/94	B
	SD-DS-14(0-5)*RM	6/30/94	1	6/30/94	B
	SD-DS-14(5-10)*RM	6/30/94	1	6/30/94	B
	SD-DS-14(10-20)*RM	6/30/94	1	6/30/94	B
	SD-F-2(0-5)*RM	6/30/94	1	6/30/94	A
	SD-F-2(5-10)*RM	6/30/94	1	6/30/94	A
	SD-F-2(10-20)*RM	6/30/94	1	6/30/94	A
	SD-F-3(0-5)*RM	6/30/94	1	6/30/94	A
	SD-F-3(5-10)*RM	6/30/94	1	6/30/94	A
	SD-F-3(10-20)*RM	6/30/94	1	6/30/94	A
	SD-F-1(0-5)*RM	7/5/94	1	7/5/94	A
	SD-F-1(5-10)*RM	7/5/94	1	7/5/94	A
	SD-F-1(10-20)*RM	7/5/94	1	7/5/94	A
	SD-F-4(0-5)*RM	7/5/94	1	7/5/94	A
	SD-F-4(5-10)*RM	7/5/94	1	7/5/94	A
	SD-F-4(10-20)*RM	7/5/94	1	7/5/94	A
	SD-F-9(0-5)*RM	7/6/94	1	7/6/94	A
	SD-F-9(5-10)*RM	7/6/94	1	7/6/94	A
	SD-F-9(10-20)*RM	7/6/94	1	7/6/94	A
	SD-F-7(0-5)*RM	7/6/94	1	7/6/94	A
	SD-F-7(5-10)*RM	7/6/94	1	7/6/94	A
	SD-F-7(10-20)*RM	7/6/94	1	7/6/94	A
	SD-F-5(0-5)*RM	7/6/94	1	7/6/94	A
	SD-F-5(5-10)*RM	7/6/94	1	7/6/94	A
	SD-F-5(10-20)*RM	7/6/94	1	7/6/94	A

Sampling Activity	Location(s)	Date(s) Sampled	No. of Samples	Date(s) Sent for Analysis	Analysis
River Modeling Sediment Sampling (continued)	SD-F-6(0-5)*RM	7/7/94	1	7/7/94	A
	SD-F-6(5-10)*RM	7/7/94	1	7/7/94	A
	SD-F-6(10-20)*RM	7/7/94	1	7/7/94	A
	SD-F-8(0-5)*RM	7/7/94	1	7/7/94	A
	SD-F-8(5-10)*RM	7/7/94	1	7/7/94	A
	SD-F-8(10-20)*RM	7/7/94	1	7/7/94	A
	SD-F-10(0-5)*RM	7/7/94	1	7/7/94	A
	SD-F-10(5-10)*RM	7/7/94	1	7/7/94	A
	SD-F-10(10-20)*RM	7/7/94	1	7/7/94	A
	SD-F-12(0-5)*RM	7/8/94	1	7/8/94	A
	SD-F-12(5-10)*RM	7/8/94	1	7/8/94	A
	SD-F-12(10-20)*RM	7/8/94	1	7/8/94	A
	SD-F-11(0-5)*RM	7/8/94	1	7/8/94	A
	SD-F-11(5-10)*RM	7/8/94	1	7/8/94	A
	SD-F-11(10-20)*RM	7/8/94	1	7/8/94	A
	SD-F-14(0-5)*RM	7/8/94	1	7/8/94	A
	SD-F-14(5-10)*RM	7/8/94	1	7/8/94	A
	SD-F-14(10-20)*RM	7/8/94	1	7/8/94	A
	SD-F-15(0-5)*RM	7/8/94	1	7/8/94	A
	SD-F-15(5-10)*RM	7/8/94	1	7/8/94	A
	SD-F-15(10-20)*RM	7/8/94	1	7/8/94	A
	PW-1*RM	7/11/94	45	7/11/94	C
	PW-1*RM	7/12/94	30	7/12/94	C
	SD-F-20(0-5)*RM	7/12/94	1	7/12/94	A
	SD-F-20(5-10)*RM	7/12/94	1	7/12/94	A
	SD-F-20(10-20)*RM	7/12/94	1	7/12/94	A
	SD-F-20X(0-5)*RM	7/12/94	1	7/12/94	A
	SD-F-13(0-5)*RM	7/12/94	1	7/12/94	A
	SD-F-13(5-10)*RM	7/12/94	1	7/12/94	A
	SD-F-13(10-20)*RM	7/12/94	1	7/12/94	A
	SD-F-16(0-5)*RM	7/13/94	1	7/13/94	A
	SD-F-16(5-10)*RM	7/13/94	1	7/13/94	A
	SD-F-16(10-20)*RM	7/13/94	1	7/13/94	A
	SD-F-17(0-5)*RM	7/13/94	1	7/13/94	A
	SD-F-17(5-10)*RM	7/13/94	1	7/13/94	A
	SD-F-17(10-20)*RM	7/13/94	1	7/13/94	A
	SD-F-19(0-5)*RM	7/13/94	1	7/13/94	A
	SD-F-19(5-10)*RM	7/13/94	1	7/13/94	A
	SD-F-19(10-20)*RM	7/13/94	1	7/13/94	A
	SD-F-18(0-5)*RM	7/14/94	1	7/14/94	A
	SD-F-18(5-10)*RM	7/14/94	1	7/14/94	A
	SD-F-18(10-20)*RM	7/14/94	1	7/14/94	A
	SD-F-21(0-5)*RM	7/14/94	1	7/14/94	A
	SD-F-21(5-10)*RM	7/14/94	1	7/14/94	A
	SD-F-21(10-20)*RM	7/14/94	1	7/14/94	A
	SD-F-23(0-5)*RM	7/14/94	1	7/14/94	A
	SD-F-23(5-10)*RM	7/14/94	1	7/14/94	A
	SD-F-23(10-20)*RM	7/14/94	1	7/14/94	A
	SD-F-24(0-5)*RM	7/14/94	1	7/14/94	A
	SD-F-24(5-10)*RM	7/14/94	1	7/14/94	A
	SD-F-24(10-20)*RM	7/14/94	1	7/14/94	A
	SD-F-25(0-5)*RM	7/18/94	1	7/18/94	A
	SD-F-25(5-10)*RM	7/18/94	1	7/18/94	A
	SD-F-25(10-20)*RM	7/18/94	1	7/18/94	A
	SD-F-26(0-5)*RM	7/18/94	1	7/18/94	A
	SD-F-26(5-10)*RM	7/18/94	1	7/18/94	A
	SD-F-26(10-20)*RM	7/18/94	1	7/18/94	A

<u>Sampling Activity</u>	<u>Location(s)</u>	<u>Date(s) Sampled</u>	<u>No. of Samples</u>	<u>Date(s) Sent for Analysis</u>	<u>Analysis</u>
<i>River Modeling Sediment Sampling (continued)</i>	SD-F-27(0-5)*RM	7/18/94	1	7/18/94	A
	SD-F-27(5-10)*RM	7/18/94	1	7/18/94	A
	SD-F-27(10-20)*RM	7/18/94	1	7/18/94	A
	SD-US-1(0-5)*RM	7/19/94	1	7/19/94	B
	SD-US-1(5-10)*RM	7/19/94	1	7/19/94	B
	SD-US-1(10-20)*RM	7/19/94	1	7/19/94	B
	SD-US-2(0-5)*RM	7/19/94	1	7/19/94	B
	SD-US-2(5-10)*RM	7/19/94	1	7/19/94	B
	SD-US-2(10-20)*RM	7/19/94	1	7/19/94	B
	SD-US-3(0-5)*RM	7/19/94	1	7/19/94	B
	SD-US-3(5-10)*RM	7/19/94	1	7/19/94	B
	SD-US-3(10-20)*RM	7/19/94	1	7/19/94	B
	SD-US-5(0-5)*RM	7/19/94	1	7/19/94	B
	SD-US-5(5-10)*RM	7/19/94	1	7/19/94	B
	SD-US-5(10-20)*RM	7/19/94	1	7/19/94	B
	SD-US-4(0-5)*RM	7/20/94	1	7/20/94	B
	SD-US-4(5-10)*RM	7/20/94	1	7/20/94	B
	SD-US-4(10-20)*RM	7/20/94	1	7/20/94	B
	SD-US-6(0-5)*RM	7/20/94	1	7/20/94	B
	SD-US-6(5-10)*RM	7/20/94	1	7/20/94	B
	SD-US-6(10-20)*RM	7/20/94	1	7/20/94	B
	SD-US-7(0-5)*RM	7/20/94	1	7/20/94	B
	SD-US-7(5-10)*RM	7/20/94	1	7/20/94	B
	SD-US-7(10-20)*RM	7/20/94	1	7/20/94	B
	SD-US-8(0-5)*RM	7/21/94	1	7/21/94	B
	SD-US-8(5-10)*RM	7/21/94	1	7/21/94	B
	SD-US-8(10-20)*RM	7/21/94	1	7/21/94	B
	SD-US-9(0-5)*RM	7/21/94	1	7/21/94	B
	SD-US-9(5-10)*RM	7/21/94	1	7/21/94	B
	SD-US-9(10-20)*RM	7/21/94	1	7/21/94	B

A = Sediment samples were analyzed for chlorobenzene, toluene, naphthalene, PCBs, Tinuvin 328, zinc, copper, and acid volatile sulfide

B = Sediment samples were analyzed for PCBs, Tinuvin 328, zinc, copper, and acid volatile sulfide

C = Pore water samples were analyzed for chlorobenzene, toluene, naphthalene, PCBs, Tinuvin 328, zinc, copper, and acid volatile sulfide

## 2.2 Other Activities Completed

The other activities (subtasks) completed during this reporting period were described in Section 1.0.

## 3.0 JEOPARDY TASKS (scheduled tasks not completed)

No tasks were in jeopardy as of 22 July 1994.

## 4.0 OTHER TASKS UNDERWAY (and on schedule)

The tasks that were underway (and on schedule as of 22 July 1994) were described in Section 1.0.

## 5.0 DATA OBTAINED

Groundwater level data have been obtained but have not yet been peer reviewed. Continuous groundwater level data from the automatic recorders (transducers) were downloaded but have not yet been processed. Validation of the Phase II Round 2 soil and groundwater data was completed; these data will

be reported to the USEPA after the data have been moved in the project data base from QC2 (validated data) to QC3 (final data). Phase II sediment sampling analytical data were received but have not yet been validated; these data will be reported to the USEPA after the data have been validated and moved from QC2 to QC3.

## **6.0 PROBLEM AREAS**

The resolved, new, potential (i.e., anticipated or possible), and outstanding (i.e., still unresolved) problem areas are reported here.

### **6.1 Resolved Problem Areas**

No problem areas remained to be resolved during the reporting period.

### **6.2 New Problem Areas**

No new problem areas remained unresolved during this reporting period.

### **6.3 Potential Problem Areas**

No potential problem areas were identified during this reporting period.

### **6.4 Outstanding Problem Areas**

No problem areas remained unresolved during this reporting period.

## **7.0 SCHEDULE OF TASKS (next two months)**

The projected schedule is provided here. It covers the tasks to be performed in the next two months (August and September 1994), along with other comments or considerations.

Target Date	Task#	Task	Comments/Considerations
ongoing	—	Stabilization	
9/15/95	—	Phase II Investigation	
ongoing	9	Project Management	
ongoing	10	Data Management	
ongoing	11	Project Administration	
ongoing	12	Quality Assurance	
ongoing	13	Health & Safety Assurance	

## **8.0 CHANGES IN WORK PLAN**

No changes were made to the Work Plan during this reporting period.

## **9.0 OTHER COMMENTS**

The plans going forward into August and September include:

- moving forward with stabilization,
- moving forward with the Phase II investigation, and
- additional planning for future investigations.